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"back-propagation"

682 publications pour la recherche « "back-propagation" »

ARTICLE DE JOURNAL

Initializing **back propagation** networks with prototypes

Thierry Denoeux et Régis Lengellé

Neural Networks, 1993, Elsevier

This paper addresses the problem of initializing the weights in **back propagation** networks with one hidden layer.,Finally, simulation results are presented, showing that initializing **back propagation** networks with prototypes generally results

Initializing **back propagation** networks with prototypes

CHAPITRE D'OUVRAGE

Study about Statistical Normalization and **Back Propagation**

T Jayalakshmi et A Santhakumaran

2022

The proposed research focuses on various normalization methods applied in **back propagation** neural networks to enhance the reliability

Study about Statistical Normalization and **Back Propagation**

AUTRE ACCÈS OUVERT

Double **Back-Propagation** and Differential Machine Learning

Nonvikan Karl-Augustt Alahassa et Alejandro Murua

2021

We have introduced a novel (ζ, ε)-Double **Back-propagation** Scheme (DBS) applicable to any parametric model with convergence properties

Double **Back-Propagation** and Differential Machine Learning

Back-Propagation

CHAPITRE D'OUVRAGE ACCÈS OUVERT

Guiding Search in QCSP+ with **Back-Propagation**

Guillaume Verger et Christian Bessiere

Lecture notes in computer science, 2008, Springer

We define what we name **back-propagation** on QCSP+.,We show how **back-propagation** can be used to define a goal-driven value ordering heuristic and we present experimental results

Guiding Search in QCSP+ with **Back-Propagation**

Back-Propagation

COMMUNICATION

Spherical object segmentation in digital holographic microscopy by deep-learning

Carlos Valadares *et al.*

Unconventional Optical Imaging II, 2020, SPIE Society of Photo-Optical Instrumentation Engineers

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AUTRE ACCÈS OUVERT

Learned Digital **Back-Propagation** for Dual-Polarization Dispersion Managed Systems

Mohannad Abu-Romoh *et al.*

2022

Digital **back-propagation** (DBP) and learned DBP (LDBP) are proposed for nonlinearity mitigation in WDM dual-polarization dispersion-managed

Learned Digital **Back-Propagation** for Dual-Polarization Dispersion Managed Systems

Digital **Back-Propagation**

CHAPITRE D'OUVRAGE

Machine Learning with Neural Networks

James L. Crowley

Lecture notes in computer science, 2023, Springer-Nature

presents a mathematical notation for multi-layer neural networks and shows how such networks can be iteratively trained by **back-propagation**,It derives the **back-propagation** algorithm as a distributed form of gradient descent that can be scaled to train arbitrarily large,Keywords Machine learning Perceptrons Artificial neural networks Gradient descent

Back-propagation

back-propagation algorithm

COMMUNICATION ACCÈS OUVERT

Back-Propagation of Constraints from Consumer to Producer

S. Perrin, J-L Sarrade et E. Benoit

2008 Second International Conference on Sensor Technologies and Applications (sensorcomm 2008), 2008, IEEE

Back-Propagation of Constraints from Consumer to Producer
Back-Propagation

COMMUNICATION ACCÈS OUVERT

Back-propagation based beamformer design for Transverse Oscillations in Echocardiography

Xinxin Guo, Denis Friboulet et Hervé Liebgott
2012
We propose to use **back-propagation** based on reciprocity theorem, which appropriately takes into account the fact that the expected,To validate with simulations using Filled II, the comparison of PSFs obtained using FA and **back-propagation** with theoretical profiles,The result clearly shows that PSFs obtained using **back-propagation** are more accurate than using FA.
Back-propagation based beamformer design for Transverse Oscillations in Echocardiography
Back-propagation,**Back-propagation**

COMMUNICATION ACCÈS OUVERT

Inverse design of bright, dielectric metasurfaces color filters based on **back-propagation** and multi-valued artificial neural networks

Arthur Clini de Souza *et al.*
Machine Learning in Photonics, 2024, SPIE Society of Photo-Optical Instrumentation Engineers
innovative optimization methodology based on deep learning that combines Multi-Valued Artificial Neural Networks and **back-propagation**
Inverse design of bright, dielectric metasurfaces color filters based on **back-propagation** and multi-valued artificial neural networks
back-propagation

CHAPITRE D'OUVRAGE

Transient wave imaging of anomalies: a numerical study

Souhir Gdoura et Lili Guadarrama Bustos
2011
Asymptotic formulas, time reversal, kirchhoff imaging, **back-propagation** imaging, MUSIC imaging.,We implement time reversal, **back-propagation**, Kirchhoff and MUSIC imaging techniques.
Back-propagation,**Back-propagation** imaging

ARTICLE DE JOURNAL ACCÈS OUVERT

Fault-Zone Damage Promotes Pulse-Like Rupture and Back-Propagating Fronts via Quasi-Static Effects

B. Idini et J.-P. Ampuero

Geophysical Research Letters, 2020, Wiley

AUTRE ACCÈS OUVERT

Some highlights on Source-to-Source Adjoint AD

Laurent Hascoët

2017

Adjoint AD, which computes gradients, is similar to **Back Propagation** for Machine Learning.,To promote fruitful exchanges between **Back Propagation** and adjoint AD, we present three of these strategies and give our view

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COMMUNICATION ACCÈS OUVERT

Training Many Neural Networks in Parallel via **Back-Propagation**

Javier A. Cruz-Lopez, Vincent Boyer et Didier El-Baz

2017 IEEE International Parallel and Distributed Processing Symposium Workshops (IPDPSW), 2017, IEEE

This paper presents two parallel implementations of the **Back-propagation** algorithm, a widely used approach for Artificial Neural

Training Many Neural Networks in Parallel via **Back-Propagation**

Back-Propagation,**Back-Propagation**

ARTICLE DE JOURNAL

Back-Propagation Beamformer Design for Motion Estimation in Echocardiography

Xinxin Guo, Hervé Liebgott et Denis Friboulet

Ultrasonic Imaging, 2014, SAGE Publications

Motivated by the adaptation of TOs in echocardiography, we propose a specific beamforming approach based on **back-propagation** (

Back-Propagation Beamformer Design for Motion Estimation in Echocardiography

Back-Propagation,**back-propagation**

COMMUNICATION

Production rules generation and refinement in **back-propagation** networks

Thierry Denoeux et Régis Lengellé

1992

Production rules generation and refinement in **back-propagation** networks

back-propagation

AUTRE

Implementation of Magnetic Neural Networks Using Static Magnets & **Back Propagation** Training

Bhargava Kotur

2023

The **back propagation** training method is used to train this network.
Implementation of Magnetic Neural Networks Using Static Magnets & **Back Propagation** Training

Back Propagation

CHAPITRE D'OUVRAGE

Neural Network Training via Quadratic Programming

Nicolas Couellan et Theodore B. Trafalis

1997

algorithm, the new error function is optimized by an affine scaling method, which replaces the steepest descent method in the **back propagation**,numerical simulations for medical diagnosis problems show significant reductions in learning time with respect to the **back propagation**

ARTICLE DE JOURNAL

Diabetes Diagnosis with Maximum Covariance Weighted Resilience **Back Propagation** Procedure

Olabode Olatubosun, Fasoranbaku Olusoga et Fagbuwagun Abayomi

British Journal of Mathematics & Computer Science, 2015, Journal of Advances in Mathematics and Computer Science

This study presents Diabetes Diagnosis with Maximum Covariance Weighted Resilience **Back Propagation** Procedure.,After the maximum covariance initialization, the network is trained with the resilient **back propagation** which is an adaptive training
Diabetes Diagnosis with Maximum Covariance Weighted Resilience **Back Propagation** Procedure

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COMMUNICATION

Acceleration of **back-propagation** for learning the forward and inverse kinematic equations

A. Ramdane-Cherif, V. Perdereau et M. Drouin

The Second International Symposium on Neuroinformatics and Neurocomputers, 2002, IEEE

Acceleration of **back-propagation** for learning the forward and inverse kinematic equations

back-propagation

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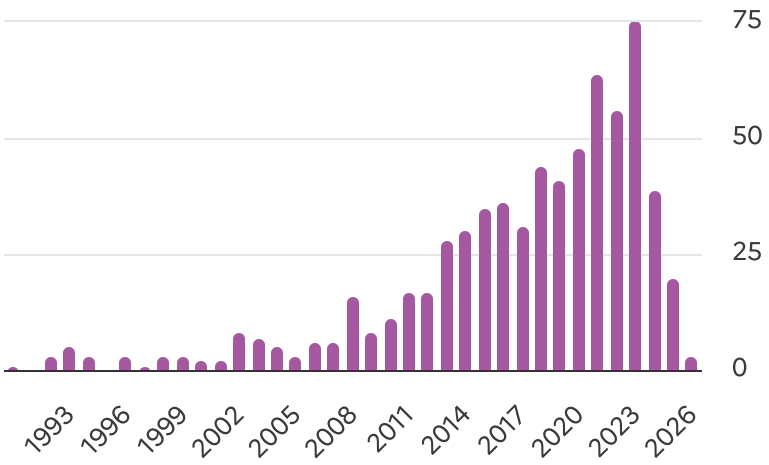

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British Journal of Mathematics & Computer Science (6)

Asian Journal of Research in Computer Science (5)

Journal of Engineering Research and Reports (5)

IFIP International Federation for Information Processing/IFIP (4)

Journal of Petroleum Science and Engineering (4)